



CDF Operations Report

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All Experimenter's Meeting

October 24, 2005

CDF Store Summary (17 – 24 Oct., 2005)

Store	Start Date	Time [hrs]	Uptime [hrs]	Ini.lumin [E30]	Tot. Del. Lumin. [pb ⁻¹]	Live Lumin. [pb ⁻¹]	Comments
4451 Abort	10/18 Tue	6.9	5.5	142.9	2.2	1.6 74%	Luminosity counters, High beam losses
4460 Normal	10/19 Wed-Thu	25.5	23.0	89.5	2.9	2.4 82.8%	Data Acquisition, High beam losses, Muon scintillator HV
4462 Abort	10/21 Fri-Sat	19.6	17.7	127.6	3.7	3.1 83.3%	High beam losses
4464 Normal	10/22 Sat-Sun	30.1	28.6	147.6	5.0	4.0 79.8%	Level 2 trigger
4465 ongoing	10/23 Sun			152.6	In progress		
Total	10/17-10/24	82.1	74.8 91.1%		13.8	11.1 80.4%	

Record Initial Luminosity for CDF is 152.6E30

CDF Operations

- Trigger
 - New default trigger tables implemented with 192 Level 2 decision bits (instead of 128)
- Silicon
 - Smooth running, experiencing some downtime due to Abort Gap losses
- Online Computing
 - File server migration done
 - Upgrade to Linux 3.0.5 on online machines in progress

Access Report (I)

Monday, October 17

- Silicon
 - Diagnose problems on one Silicon barrel (SVX) and one Intermediate Silicon Layer (ISL) ladders
 - Interlock dropped

Tuesday, October 18

- Silicon
 - Fixed ISL ladder problem diagnosed on Monday
- Muon Detector
 - Oscillating channel in Central Muon uPgrade (CMP) counters fixed
 - Oscillating channels in Intermediate Muon Upgrade (IMU) counters temporarily removed (longer access is required to fix)

Access Report (II)

Tuesday, October 18

- Central Electromagnetic Calorimeter (CEM)
 - Fixed a phototube problem
- Roman Pot (RM) Detectors and Beam Abort Counters
 - Cables pulled for remote crate power cycling of RM readout electronics
 - Installed and connected 2 beam abort counters (at A47/A48)
- Run IIb Stereo track trigger upgrade
 - Installed some new VME crate transition boards
 - Fixed problem boards on several COT TDC crates

Saturday, October 22

- Central Scintillator eXtension (CSX) counters
 - Problem with CSX High Voltage fixed

Run II Integrated Luminosity

